

WHAT IS CLAIMED IS:

1. A closure device comprising:  
interlocking fastening strips having first and  
5 second ends; and  
a slider member movably installed upon the  
interlocking fastening strips, the slider member  
facilitating the occlusion of the interlocking fastening  
strips when moved towards the first end thereof, the  
10 slider member having a pair of spaced-apart side walls  
which are positioned on opposite sides of the  
interlocking fastening strips, an intermediate body  
portion between the side walls which is positioned upon  
the interlocking fastening strips, and a notch formed  
15 therein which is adapted to engage a cooperating  
protrusion formed on one of the interlocking fastening  
strips at the first end thereof to obstruct movement of  
the slider member beyond said first end.
- 20 2. The invention as in claim 1 wherein the slider  
member includes a second notch which is adapted to engage  
a second protrusion formed on one of the interlocking  
fastening strips at a second end thereof to obstruct  
movement of the slider-member beyond said second end.
- 25 3. The invention set forth in claim 1, wherein the  
protrusion includes opposed exterior sides which are  
adapted to become wedged between opposed interior sides of  
the notch to restrict disengagement of the slider member  
30 from the interlocking fastening strip when the slider  
member is moved toward the first end thereof.
4. The invention set forth in claim 1, wherein the

notch of the slider member is formed in the intermediate body portion thereof.

5        5.    The invention set forth in claim 1, wherein the notch of the slider member has a generally V-shaped configuration.

10       6.    The invention set forth in claim 5, wherein the generally V-shaped notch has opposed interior sides.

      7.    The invention set forth in claim 6, wherein the opposed interior sides of the notch are substantially planar.

15       8.    The invention set forth in claim 6, wherein the opposed interior sides of the notch are rectangular in configuration and converge along a generally vertical internal corner.

20       9.    The invention set forth in claim 6, wherein the opposed interior sides of the notch are triangular in configuration and converge along an inclined internal corner.

25       10.   The invention set forth in claim 1, wherein the notch of the slider member has a partially curved configuration.

30       11.   The invention set forth in claim 10, wherein the notch has a pair of opposed interior sides and an intermediate arcuate portion therebetween.

      12.   The invention set forth in claim 11, wherein

the opposed interior sides of the notch is substantially parallel with respect to each other.

13. The invention set forth in claim 1, wherein the  
5 notch has a generally rectangular configuration.

14. The invention set forth in claim 13, wherein  
the notch has a pair of opposed interior sides and an  
intermediate portion therebetween.  
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15. The invention set forth in claim 14, wherein  
the opposed interior sides of the notch is substantially  
parallel with respect to each other.

16. The invention set forth in claim 14, wherein  
the intermediate portion and the opposed interior sides  
of the notch are substantially planar.  
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17. The invention set forth in claim 14, wherein  
20 the intermediate portion and the opposed interior sides  
of the notch have generally rectangular configurations.

18. The invention set forth in claim 14, wherein  
the intermediate portion and the opposed interior sides  
25 of the notch converge along substantially vertical  
internal corners.

19. The invention set forth in claim 14, wherein  
the intermediate portion of the notch includes  
30 substantially vertical external corners.

20. The invention set forth in claim 1, wherein the  
protrusion is substantially planar.

21. The invention set forth in claim 20, wherein the protrusion has a pair of opposed exterior sides and an edge portion therebetween.

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22. The invention set forth in claim 21, wherein the edge portion of the protrusion is inclined with respect to the interlocking fastening strip.

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23. The invention set forth in claim 22, wherein the edge portion of the protrusion slopes upwardly and outwardly with respect to the interlocking fastening strip.

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24. The invention set forth in claim 21, wherein the opposed exterior sides of the protrusion are substantially parallel with respect to each other.

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25. The invention set forth in claim 21, wherein the opposed exterior sides of the protrusion are generally triangular in configuration.

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26. The invention set forth in claim 1, wherein the protrusion formed on the interlocking fastening strip has a generally wedge-shaped configuration.

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27. The invention set forth in claim 26, wherein the protrusion has a pair of opposed exterior sides and an edge portion therebetween.

28. The invention set forth in claim 26, wherein the opposed exterior sides of the protrusion flare outwardly with respect to each other and the interlocking

fastening strip.

29. The invention set forth in claim 27, wherein the edge portion of the protrusion slopes upwardly and outwardly with respect to the interlocking fastening strip.

30. A storage container comprising:  
a pair of complementary sheets;  
10 a first fastening strip disposed along an edge portion of one sheet;  
a second fastening strip disposed along an edge portion of the other sheet and disposed to interlockingly engage the first fastening strip; and  
15 a slider member movably disposed upon the first and second fastening strips, the slider member facilitating the occlusion of the interlocking fastening when moved towards a first end thereof, the slider member having a pair of spaced-apart side walls which are positioned on opposite sides of the interlocking fastening strips, an  
20 intermediate body portion between the two side walls which is positioned upon the interlocking fastening strips, and a notch formed therein which engages a cooperating protrusion formed on the interlocking  
25 fastening strip at a first end thereof to obstruct movement of the slider member beyond said first end.

31. The invention as in claim 30 wherein the slider member includes a second notch which is adapted to engage  
30 a second protrusion formed on one of the interlocking fastening strips at a second end thereof to obstruct movement of the slider member beyond said second end.

32. The invention set forth in claim 30, wherein the protrusion includes opposed exterior sides which are adapted to become wedged between opposed interior sides of the notch to restrict disengagement of the slider member from the interlocking fastening strip when the slider member is moved toward the first end thereof.

33. The invention set forth in claim 30, wherein the notch of the slider member is formed in the intermediate body portion thereof.

34. The invention set forth in claim 30, wherein the notch of the slider member has a generally V-shaped configuration.

35. The invention set forth in claim 34, wherein the generally V-shaped notch has opposed interior sides.

36. The invention set forth in claim 35, wherein the opposed interior sides of the notch are substantially planar.

37. The invention set forth in claim 35, wherein the opposed interior sides of the notch are rectangular in configuration and converge along a generally vertical internal corner.

38. The invention set forth in claim 35, wherein the opposed interior sides of the notch are triangular in configuration and converge along an inclined internal corner.

39. The invention set forth in claim 30, wherein

the notch of the slider member has a partially curved configuration.

40. The invention set forth in claim 39, wherein  
5 the notch has a pair of opposed interior sides and an intermediate arcuate portion therebetween.

41. The invention set forth in claim 40, wherein  
the opposed interior sides of the notch is substantially  
10 parallel with respect to each other.

42. The invention set forth in claim 30, wherein  
the notch has a generally rectangular configuration.

43. The invention set forth in claim 42, wherein  
15 the notch has a pair of opposed interior sides and an intermediate portion therebetween.

44. The invention set forth in claim 43, wherein  
20 the opposed interior sides of the notch is substantially parallel with respect to each other.

45. The invention set forth in claim 43, wherein  
the intermediate portion and the opposed interior sides  
25 of the notch are substantially planar.

46. The invention set forth in claim 43, wherein  
the intermediate portion and the opposed interior sides  
of the notch have generally rectangular configurations.

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47. The invention set forth in claim 43, wherein  
the intermediate portion and the opposed interior sides  
of the notch converge along substantially vertical

internal corners.

48. The invention set forth in claim 43, wherein  
the intermediate portion of the notch includes  
5 substantially vertical external corners.

49. The invention set forth in claim 30, wherein  
the protrusion is substantially planar.

10 50. The invention set forth in claim 49, wherein  
the protrusion has a pair of opposed exterior sides and  
an edge portion therebetween.

15 51. The invention set forth in claim 50, wherein  
the edge portion of the protrusion is inclined with  
respect to the interlocking fastening strip.

20 52. The invention set forth in claim 51, wherein  
the edge portion of the protrusion slopes upwardly and  
outwardly with respect to the interlocking fastening  
strip.

25 53. The invention set forth in claim 50, wherein  
the opposed exterior sides of the protrusion are  
substantially parallel with respect to each other.

30 54. The invention set forth in claim 50, wherein  
the opposed exterior sides of the protrusion are  
generally triangular in configuration.

55. The invention set forth in claim 30, wherein  
the protrusion formed on the interlocking fastening strip  
has a generally wedge-shaped configuration.



56. The invention set forth in claim 55, wherein the protrusion has a pair of opposed exterior sides and an edge portion therebetween.

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57. The invention set forth in claim 55, wherein the opposed exterior sides of the protrusion flare outwardly with respect to each other and the interlocking fastening strip.

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58. The invention set forth in claim 56, wherein the edge portion of the protrusion slopes upwardly and outwardly with respect to the interlocking fastening strip.

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59. A slider member for facilitating occlusion of interlocking fastening strips when moved towards the first end of the fastening strips, the slider member comprising:

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a pair of spaced-apart side walls which are adapted to be installed on opposite sides of interlocking fastening strips;

an intermediate body portion between the side walls which is adapted to be installed upon interlocking

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fastening strips; and

a notch formed therein which is adapted to engage a cooperating protrusion formed on interlocking fastening strip at a first end thereof to obstruct movement of the slider member beyond said first end.

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60. The invention as in claim 59 wherein the slider member includes a second notch which is adapted to engage a second protrusion formed on one of the interlocking

fastening strips at a second end thereof to obstruct movement of the slider member beyond said second end.

5        61. The invention set forth in claim 59, wherein the protrusion includes opposed exterior sides which are adapted to become wedged between opposed interior sides of the notch to restrict disengagement of the slider member from the interlocking fastening strip when the slider member is moved toward the first end thereof.

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62. The invention set forth in claim 59, wherein the notch of the slider member is formed in the intermediate body portion thereof.

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63. The invention set forth in claim 59, wherein the notch of the slider member has a generally V-shaped configuration.

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64. The invention set forth in claim 63, wherein the generally V-shaped notch has opposed interior sides.

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65. The invention set forth in claim 64, wherein the opposed interior sides of the notch are substantially planar.

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66. The invention set forth in claim 64, wherein the opposed interior sides of the notch are rectangular in configuration and converge along a generally vertical internal corner.

67. The invention set forth in claim 64, wherein the opposed interior sides of the notch are triangular in configuration and converge along an inclined internal

corner.

68. The invention set forth in claim 59, wherein  
the notch of the slider member has a partially curved  
•5 configuration.

69. The invention set forth in claim 68, wherein  
the notch has a pair of opposed interior sides and an  
intermediate arcuate portion therebetween.

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70. The invention set forth in claim 69, wherein  
the opposed interior sides of the notch is substantially  
parallel with respect to each other.

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71. The invention set forth in claim 59, wherein  
the notch has a generally rectangular configuration.

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72. The invention set forth in claim 71, wherein  
the notch has a pair of opposed interior sides and an  
intermediate portion therebetween.

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73. The invention set forth in claim 72, wherein  
the opposed interior sides of the notch is substantially  
parallel with respect to each other.

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74. The invention set forth in claim 72, wherein  
the intermediate portion and the opposed interior sides  
of the notch are substantially planar.

75. The invention set forth in claim 72, wherein  
the intermediate portion and the opposed interior sides  
of the notch have generally rectangular configurations.

76. The invention set forth in claim 72, wherein the intermediate portion and the opposed interior sides of the notch converge along substantially vertical internal corners.

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77. The invention set forth in claim 72, wherein the intermediate portion of the notch includes substantially vertical external corners.

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78. The invention set forth in claim 59, wherein the protrusion is substantially planar.

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79. The invention set forth in claim 78, wherein the protrusion has a pair of opposed exterior sides and an edge portion therebetween.

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80. The invention set forth in claim 79, wherein the edge portion of the protrusion is inclined with respect to the interlocking fastening strip.

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81. The invention set forth in claim 80, wherein the edge portion of the protrusion slopes upwardly and outwardly with respect to the interlocking fastening strip.

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82. The invention set forth in claim 79, wherein the opposed exterior sides of the protrusion are substantially parallel with respect to each other.

83. The invention set forth in claim 79, wherein the opposed exterior sides of the protrusion are generally triangular in configuration.

84. The invention set forth in claim 59, wherein the protrusion formed on the interlocking fastening strip has a generally wedge-shaped configuration.

5        85. The invention set forth in claim 84, wherein the protrusion has a pair of opposed exterior sides and an edge portion therebetween.

10       86. The invention set forth in claim 84, wherein the opposed exterior sides of the protrusion flare outwardly with respect to each other and the interlocking fastening strip.

15       87. The invention set forth in claim 85, wherein the edge portion of the protrusion slopes upwardly and outwardly with respect to the interlocking fastening strip.

20       88. A method for preventing removal of a slider from fastening strips comprising the steps of:  
      providing interlocking fastening strips having first and second ends; and  
      providing a slider member movably installed upon the interlocking fastening strips, the slider member  
25       facilitating the occlusion of the interlocking fastening strips when moved towards the first end thereof, the slider member having a pair of spaced-apart side walls which are positioned on opposite sides of the interlocking fastening strips, an intermediate body  
30       portion between the side walls which is positioned upon the interlocking fastening strips, and a notch formed therein which is adapted to engage a cooperating protrusion formed on one of the interlocking fastening

strips at the first end thereof to obstruct movement of the slider member beyond said first end

moving said slider to the first end of the interlocking fastening strips

5 engaging said notch with said protrusion to obstruct movement of the slider member beyond said first end.

89. The invention as in claim 88, wherein the slider member includes a second notch which is adapted to  
10 engage a second protrusion formed on one of the interlocking fastening strips at a second end thereof to obstruct movement of the slider member beyond said second end.

15 90. The invention set forth in claim 88, wherein the protrusion includes opposed exterior sides which are adapted to become wedged between opposed interior sides of the notch to restrict disengagement of the slider member from the interlocking fastening strip when the slider  
20 member is moved toward the first end thereof.

91. The invention set forth in claim 88, wherein the notch of the slider member is formed in the intermediate body portion thereof.

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92. The invention set forth in claim 88, wherein the notch of the slider member has a generally V-shaped configuration.